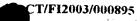


Claims

- 1. Coated plant seed, **characterised** in comprising a seed which is coated with a water and oil containing coating composition in the form of an emulsion or an emulsion suspension, which coating composition comprises a mixture of a plant nutrient and a fixing agent.
- 2. Coated seed as defined in claim 1, characterised in that the coating compositon contains
- a) 40-70% by weight of a plant nutrient containing a phosphate salt,
- b) 0.5-15% by weight of oil
- c) 0.1-15% by weight of W/O surface-active agent
- d) 10-45% by weight of water,
- e) 0-25% by weight of sugar and
- f) 0-10% by weight of pH regulating agent.
- 3. Coated seed as defined in claim 1 or 2, characterised in that the coating composition contains
- a) 50-60% by weight of a plant nutrient containing a phosphate salt,
- b) 1-10% by weight of oil
- c) 0.5-10% by weight of W/O surface-active agent
- d) 15-40% by weight of water,
- e) 0.5-25% by weight of sugar and
- f) 0-10% by weight of pH regulating agent.
- 4. Coated seed as defined in any of claims 1 to 3, characterised in that the pH of the coating composition is in the range 4 to 7.
- 5. Coated seed as defined in any of claims 1 to 4, **characterised** in that the coating composition contains 10 to 20% by weight of sugar.
- 6. Coated seed as defined in any of claims 1 to 5, **characterised** in that the viscosity of the coating composition is not more than 10,000 mPas, preferably not more than 3,000 mPas, under the coating conditions in question.
- 7. Coated seed as defined in any of claims 1 to 6, characterised in that it contains 0.5-25% by weight of the coating composition relative to the weight of the seed.



- 8. Coated seed as defined in any of claims 1 to 7, characterised in that it contains 1-15% by weight of the coating composition relative to the weight of the seed.
- 9. Use of a water and oil containing coating composition in the form of an emulsion or an emulsion suspension, which coating composition comprises a mixture of a plant nutrient and a fixing agent, for coating a plant seed.
- 10. A method for coating seeds, characterised in that
- a) seeds to be coated are subjected in an equipment suitable for a seed treatment, and
- b) a water and oil containing coating composition in the form of an emulsion or an emulsion suspension, which coating composition comprises a mixture of a plant nutrient and a fixing agent, is added to form a coating on the seed surface.